

UW-BULK ASSEMBLY

WIRING & INSTALLATION

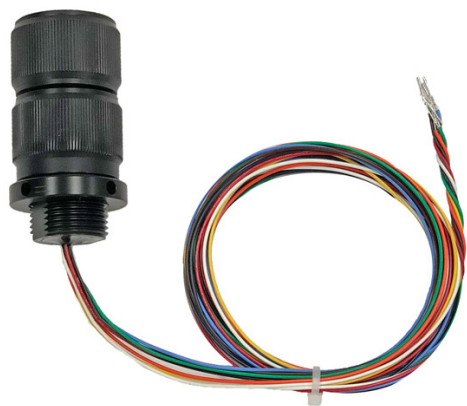


Figure 1: UW-BULK sensor bulkhead connector assembly.

Overview

The NexSens UW bulkhead connector assembly allows temperature strings and other sensors with UW connectors to be integrated with 3rd party enclosures. The UW-Bulk includes a 1-meter pigtail for terminal wiring. It requires a 1" diameter enclosure hole for mounting.

What's Included

- (1) Nut for connection to an enclosure
- (8) 1-meter long flying lead wires
- (1) 2 x 26mm O-ring (Pre-installed)

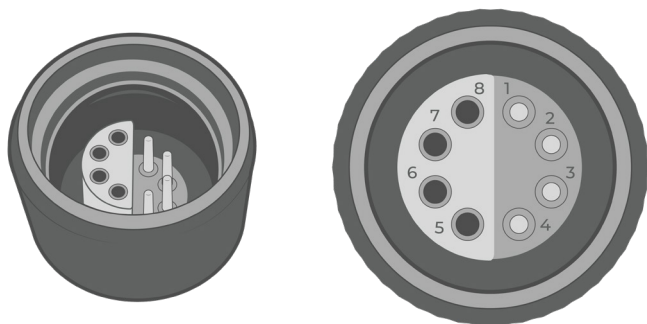


Figure 2: UW8 receptacle pin numbers.

Table 1: UW-BULK wiring information.

UW8 Receptacle Pin	Wire Color
1	Green
2	Blue
3	Brown
4	Red
5	White
6	Yellow
7	Black
8	Orange

UW-Bulk Installation on NexSens Pass-through Lid

- 1 Remove one of the blank sensor plugs from the pass-through lid using a 3/16" allen wrench to remove the nut underneath the plate.
- 2 Remove the nut on the UW-Bulk and route the UW-BULK wires through the open port on the pass-through lid.
 - a. Ensure to align the flat edges of the UW-BULK threads with the open port.

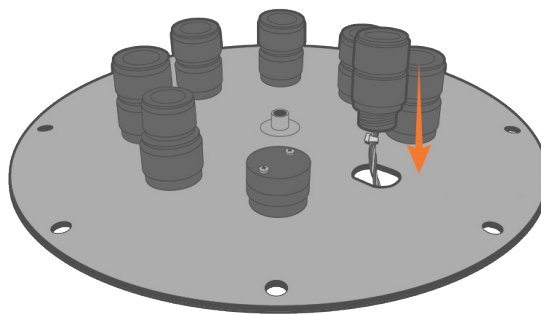


Figure 3: UW-BULK wire routing.

- ③ Underneath the plate, route the wires through the nut and rotate the nut onto the threads.
 - a. Hand tighten the nut and then use a 3/16" allen wrench to add an additional 1/8 turn.
 - b. Apply an adhesive between the nut and the threads for further security.

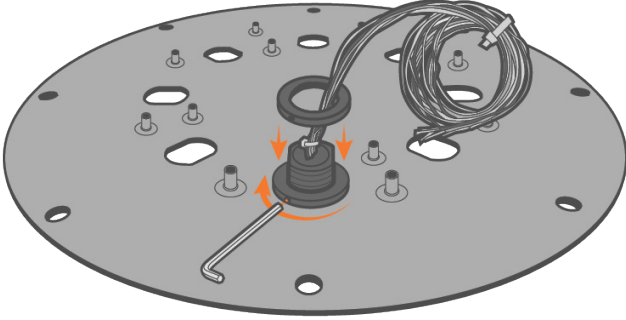


Figure 4: Securing the UW-BULK.